

Research on Tertiary Alcohols Containing a Cyclobutyl Radical. II. The Reaction of Methylphenylcyclobutylcarbinol With Hydrochloric and Sulfuric Acids, by T. A. Javorskaya, I. P. Yakovlev.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 1, Jan 1950, pp 122-128. CIA D 182343

2
Consultants Bureau Vol XXII, No 1, Jan 1950

2
USER
Scientific - Chemistry, alcohols, sulfuric acids
H 2271

Ethers of Acetylene Alcohols and Glycols and Their
Relation to Ammoniacal Solutions of Silver Oxide, by
T. A. Favorskaya, O. V. Sergievskaya, Hsu Ting-yu,
5 pp, *et al.*

RUSSIAN, per, Zhur Obshch Khim, Vol SSS, No 8, 1960,
pp 2510-2515.

CB

168,821

Sci

Sep 61

Synthesis and Study of the Transformations of
Acetylene α -Glycols with Free Acetylenic Hydrogen
IV. Synthesis of Trimethyl-Acetylenyl-Ethylene
Glycol and 3,4-Dimethyl-1-Hexyn-3,4-Diol and Their
Transformations under the Influence of Sulfuric Acid
into Substituted Tetrahydrofuranones, by T. A.
Favorskaya, A. V. Marshueva, Hsu Ting-yu, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8, 1960,
pp 2516-2520.

CB

168,822

Sci

Sep 61

Synthesis and Study of the Conversions of α -Glycols.
II. ~~XXX~~ Study of the Conversions of 3,4,7-Trimethyl-6-
Ketononene-4-Diol-3,7, by T. A. Favorskaya, Z. A.
Shevchenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 1,
1962, pp 46-49.

CB

Sci

Oct 62

216,142

FAVORSKAYA, T. A., and SHIRSHOVA, A. N.

Synthesis of Dimethylethylphenylethylene Glycol
and its Reaction with Sulfuric Acid

Zhur Obshch Khim, Vol XIX, No 1, 1949 (Jan), pp 159-
164

Consultants Bureau Translation

Synthesis and Reactions of Glycols of the -Series.

1. A Study of the Reactions of 2,3,6-Trimethyl-
5-ketoneptene-3-diol-2,6, by T. A. ~~XXXXXXXX~~ Favorskaya,
Z. A. Shevchenko, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 8,
1961, pp 2526-2535.

CB

Sci
Jul 62

205,256

Study of the Conditions for the Formylation of
Acetyl amino Acids, by T. A. Favorskaya, I. L.
Anisimova, Z. A. Sheynberg, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 3,
USSR, Mar 1955, pp 551-557. CIA C 39388

Consultants Bureau

Scientific - Chemistry
CTS 74/Nov 55

27951

n-Butyl Vinyl Ether, by A. E. Favorskii,
M. F. Shostakovskii.
RUSSIAN, per, Akad Nauk SSSR Institut
Organicheskoi Khimii Sintezy Organicheskikh
Soyedinenii, Vol I, 1950, pp 23428.
SLA TT 64-20160

Apr 67

322,277

Favorskiĭ, A. E., Shoostakovskii, M. F. and others.
VINYL ETHERS. I. SYNTHESIS AND PROPERTIES
OF VINYL ETHERS [K Voprosu o Prostykh Vinilovykh
Efirakh. I. Sintez i Svoistva Prostykh Vinilovykh
Efirov]. [1961] 19p. 89 refs.

Order from OTS or SLA \$1.60

61-16955

Trans. of Zhurnal Obshchei Khimii (USSR) 1943, v. 13
[no. 1/2] p. 1-20.

Another translation is available from SLA as RT-3760.

DESCRIPTORS: *Vinyl radicals, *Ethers, Synthesis,
Polymerization, Chemical properties.

A method of vinylation of compounds containing a free
hydroxyl group was developed. A series of polymerizing
substances was prepared which includes new vinyl
ethers, for instance, the vinyl ethers of glycerin. In
bromination of vinyl ethers a pronounced tendency to
polymerization and condensation of these ethers was ob-
served simultaneously with the reaction of direct addi-
(Chemistry--Organic TT, v. 6, no. 7) (over)

61-16955

I. Favorskiĭ, A. E.
II. Shoostakovskii, M. F.
III. Title: Synthesis...

Office of Technical Services

61-18024

I. Favorskii, A. E.

Favorskii, A. E.
RESEARCH ON ACETYLENE DERIVATIVES. [1961]
7p. 2 refs.
Order from OTS or SLA \$1.10 61-18024

Trans. of Akademiya Nauk SSSR, Otdelenie Khimicheskikh Nauk. Izvestiya, 1940, p. 181-188.

DESCRIPTORS: *Acetylene derivatives, Synthesis, Production, Chemical Industry, USSR, Rubber, Isoprene.

A general review is given of research on acetylene derivatives based on observations originally made as early as 1888 and 1900. Acetylene alcohols are formed by condensation of acetylene or vinylacetylene and ketones in the presence of anhydrous potassium hydroxide. Their polymers are good film-forming materials. Electrolytic hydrogenation of acetylene alcohols in soda solution gives olefinic alcohols which can be dehydrated (Engineering-Chemical, TT, v. 6, no. 9) (over)

Office of Technical Services

A Contribution to the Problem of Vinyl Ethers, I.
Synthesis and Properties of Vinyl Ethers, by A. E.
Favorskiy, M. P. Shostakovskiy, 42 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XIII, No 1/2,
1943, pp 1-20.

Sci Tr Center
RT - 3760

Sci - Chemistry

37,174

Aug 1956

The Condensation of Acetylene With Ketols, by
A. E. Pavorskiy, A. S. Onishchenko.

RUSSIAN, per, Zhur Obshch Khim, Vol XI,
No 13/14, 1941, pp 1111-1120.

DSIR LLJ M.1337
(loan)

Sci - Chem

Oct 60

128,907

(1860-1945) (On the Hundredth Anniversary of His
Birth) A. E. Favorskiy, by N. A. Domnin, 11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960,
pp 705-716.

CB

Sci -
Apr 61

147,547

The Effect of Viscosity on the Parameters
of a Magnetogasdynamic Generator, by
L. I. Grekov, O. N. Favorskiy, 16 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Fizh Nauk, Energ i Avtomat, No 4, 1961,
pp 46-61. 9672399

FTD-412-61 137

Sci - Engr

180. 297

25 Jan 62

Something About Guerrillas, by Juan Manuel
Sancho-Sopranis y Favrand.

ESPANISH, pub, Novista Ejercito, 1959, pp 21-40.

ACSL E 9967-P
ID 21748

LA
MIL
21 Dec 61

177 039

Boundary Layer on a Porous Plane Wall with
Suction, by A. Favre, R. Dumas, E. Verollet,
36 pp.

FRENCH rpt, Couche Limite sur Paroi Plane
Poreuse Avec Aspiration, 1960, pp 1-31. 9662488

ATTC MCL-760/1

Sci - Phys

Jul 61.

159, 488

Some Measurements of Time and Space Correlation in
Wind Tunnel, by A. Favre, J. Gaviglio, R. Dumas, 21 pp.

FRANCE, per, La Recherche Aeronautique, No 32,
Mar/Apr 1953, p 21-28.

NACA TM 1370

S.L.A. TM 1341

Eur - France
Sci - Aeronautics

21, 105

English Title Unknown, by A. Favre.
FRENCH, per, Comptes Rendus, Vol 220, No 13,
1945, pp 431-436.
*NASA TT F-12,864

A. Favre

Feb 70

Apparatus for Measurements of Time and Space
Correlation, by A. Favre, J. Gaviglio, R. Dumas,
20 pp.

SLA. Tr 1457

FRENCH, per, La Recherche Aeronautique, No 31,
Jan/Feb 1953, pp 37-44.

NACA TM 1371

Scientific - Aeronautics
May 55 CTS

23,667

Determination of the Space Position
of a Reflector Situated Under a
Reflector (Separating Two Media with
Different Speeds, Starting from Data
of an Isolated Cross Type Shooting,
by B. Faure, 12 pp.
BUTCH, per, ~~Geometrical Acoustics~~,
Vol 3, No 4, 1977, pp 335-349.
SIA : TT-67-10019

B. Faure

396,261

Sci
Aug 67

AEC (NRC-TT-1511) RESONANCE OF PIPES WITH
LINEARLY VARIABLE CHARACTERISTICS. Favre, H.
Translated by D. A. Sinclair for National Research Council
of Canada, Ottawa, Ont., from Bull. Tech. Suisse Romande:
68: No. 5, 49-54 (1942). 15p.

physics; translations

ND-34 NP RC

Unlimited

A Purely Optical Method for the Direct
Measurement of Moments in thin Bent Plates,
by Henry Favre, Richard B. G. 29pp
OSMA, Ser. Edinburgh Journal, Vol 68,
1950, No 19, pp 253-257, No 10, pp 265-267
OED 77-6-71232

Henry Favre

Sci - Hy
May 67

326,534

Purely Optical Method for Determining Internal
Stresses Occurring in Structures, by
Henry Pavre, 17pp.

DZACH, per, Schweizerische Bauzeitung,
Vol 90, No 13, 1947, pp 191-200.
CENTI TT-G-11413.

Henry Pavre

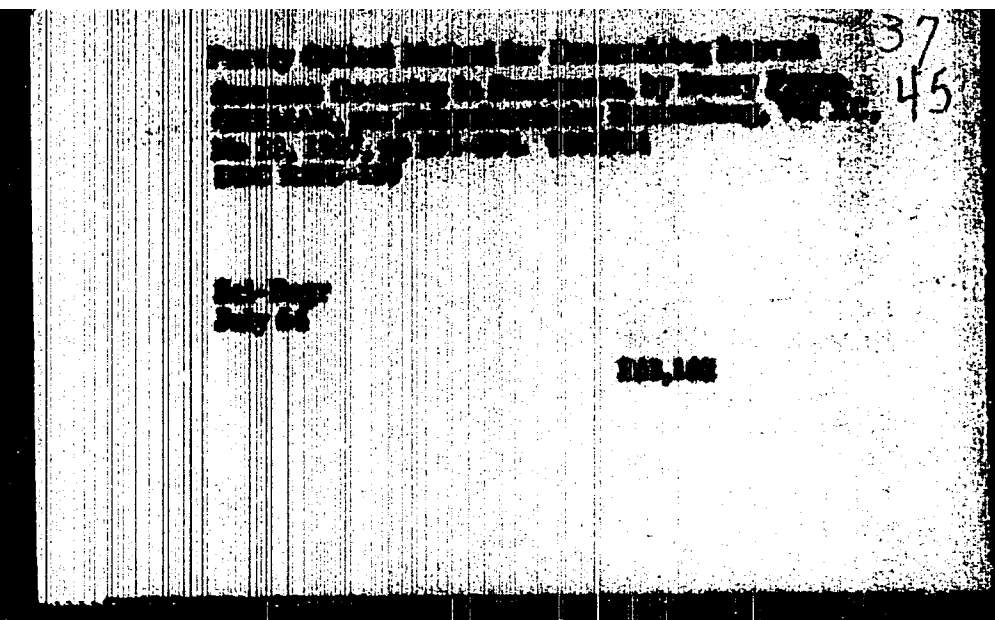
31,07

Sci - Physics
Apr 57

The Optical Characteristics of Mineral Structures,
by Henry H. H. H. H.
Published, 1952, Journal of Optics, Vol. XI, No. 1, 1952,
pp. 1-11. 11 pages.
Doc 1111-111

211 - 1111
Aug 54

211,312



The Problem of Waves, by Henry Favre.

FRECH, Schweizerische Bauzeitung, Vol 108, Nos 1, 2,
(reprint) July 1936, p 7.

USA Corps of Engr, Waterways Exper Sta Tr 41-17

Sci - Engineering, hydraulics, naval

Econ - Transportation, river, water

A 2390

Available on loan at Research Center Library

Life-Saving Belt (Description of Patent), by
Jens Ravn, L. pp.

Patent, patent, Ceinture pour Sauvetage (Brevet
de Brevet), Geneva, Apr 1969.

Dept of Commerce
Maritime Admin
Off of Prep and Supp
Div of Off Serv (Loan)

Sec - Engr
Jan 60

105, 717

Infrared Absorption Spectra of Fluoride Complexes,
by J. Pauze, G. Pauze, 6pp
FRANCE, par, Revue de l'Institut National du
Pétrole Annuaire des Combustibles Liquides, Vol 13,
1958, No 3, pp 267-288
SIA TT-64-30095

J. Pauze

Sci - Hy
June 61

327,566

The Synthesis of Detergent Additives for Lubricating
Oils. Part II. Infra-red Absorption Study, by J.
Favre, 9 pp.

FRECH, per, Rev Inst Franc Petrole Ann Combustibles
Liquides, Vol X, No 5, 1955, pp 470-476.

Asso Tech Ser 79377

93-FJ

Jul 58

69,936

The Chronifrome of the Normal and Pathological
Epidermis Ortho- and Parakeratinizations, by M.
Favre, 34 pp.

FRANKH, no per, Ann. de Dermatol. 8 ser, Vol. ^I 10,
1950, pp 241-262.

NIH Tr No 1-22

Sci - Medicine
Feb 1957 CTS/dex

43,583

SLA 57-77/57

62-12759

~~Favreau, P.~~
SOME ASPECTS OF TOBACCO FERTILIZING. 1962,
3p.

Order from K-H \$5.00

K-H 11411-a

Trans. of Revue Internationale des Produits Tropicaux
et du Matériel Tropical (France) 1960, v. 35, no. 372,
p. 111 and 191.

DESCRIPTORS: *Tobacco, Plants, *Fertilizers.

I. Favreau, P.
II. K-H-11411-a
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

200250

Agriculture--Plant Cultivation, TT, v. 7, no. 12)

Office of Technical Services

Western Europe/ Sci

C

The Mitogenetic Effect of Ustilago Maydis and
Agrobacterium Tumefaciens on Yeast, by Ewald E. Favret,
Adolfo Rosenblit.

SPANISH, Cienciae Investigacion, Vol V, 1949.

AEC Tr 40

A 2371

RECEIVED

Determination of the Actual Logarithmic Oscillation
Decrement, by Yu K. Pavlov, ~~pp 3~~ *pp 3*

RUSSIAN, per, Zavod Lab, Vol XXVI, No 3, 1960, pp 335-
358- *337*

ISA

140,861

Sci-

Feb 61

Size Distribution of the Fat Globules in Milk and Cream, by V. N. Pavstova, I. N. Vlodavets, 8 pp.

RUSSIAN, bio per, Kolloid Zhur, Vol XVII, No 6, Nov/Dec 1955, pp 456-464. CIA 542760, C, reel 3.

Consultants Bureau

Sci - Chemistry

37,365

Aug 1956

Verrucosis of Citrus Fruits, by G. L. Fawcett.

SPANISH

USDA per
NC State College

Jun 59

Calculation of the Contraction Caused by a Plane Gate in the Case of Suppressed Flow, Carlos Faver.

FRENCH, Bulletin Technique de la Suisse Romande, Vol 63, No 15, pp 192-198, Jul 17, 1937; Vol 63, No 17, pp 217-219, Aug 14, 1937; Vol 63, No 19, pp 245-252, Sep 11, 1937; Vol 63, No 22, pp 283-287, Oct 23, 1937.

USA Corps of Engr, Waterways Exper Sta Tr 38-5

Sci- Engineering, hydraulics, naval
Econ - Transportation, river, water

A 2392

Available on loan at Research Center Library

G. Fay

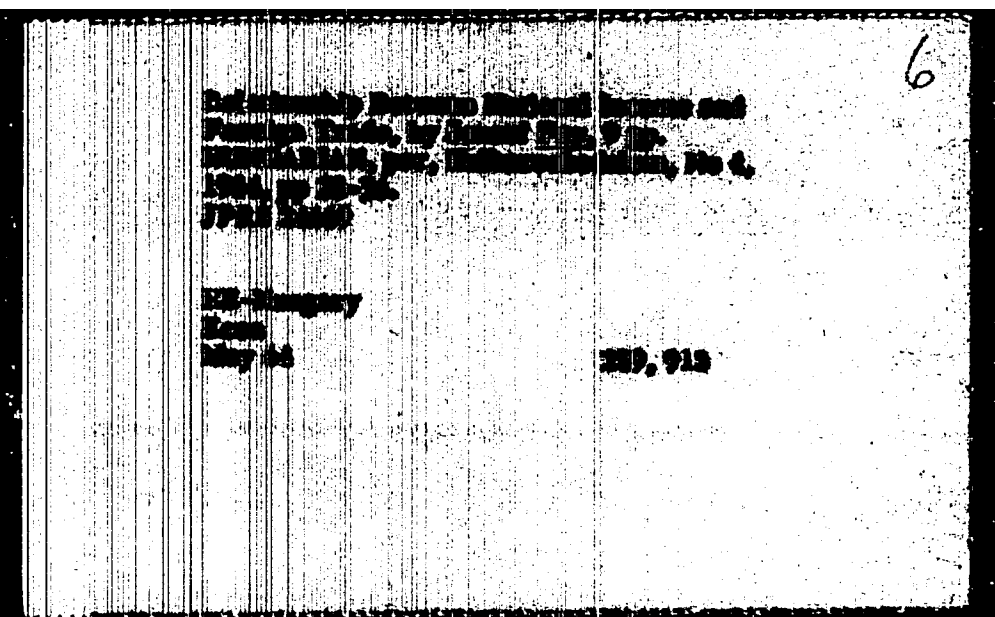
Application of the Similarity Theory to the Study
of Transport Processes, by G. Fay.

HUNGARIAN, per, Magyar Tudományos Akadémia Hírszaki
Tudományok Osztályának Közleményei, Vol 33, No 1,
1964, pp 351-363.

NTC-71-10366-12B

FTD-TT-64-1346 - 18 pp 9696606

Nov 71



Snow Clearance - A Hydraulically Controlled
Width Snow Plough, by P. Clarin, F. Payard.
UNCLASSIFIED

FRENCH, par, Rev Gen Routes, Vol XXVII, No 301,
1957, pp 51, 52.

DSIR/32017/CT

Sol - Edgt
Oct 58

74, 452

57
Process for the Production of Oxalic Acid From
Calcium Formate, by K. Fay.

GERMAN, Patent No 1 015 420, 12 Sept 1957.

NYC 69-11108-57A

K. Fay

Sci/Calm
July 69

386,600

Simultaneous Transmission of Two Secret Telephone
Communications, by M. Payard.

FRENCH, per, Bull Soc Franc Elec, Vol IX, No 98,
Oct 1929, pp 1146-1158.

SLA 57-1398

Sci
May 58

63,796

P 21
Efficacy of Immunization with Live Plague Vaccine
Through the Scarified Skin, by M. B. Faybich, 8 pp.
RUSSIAN, per, Zhurnal Mikrobiologii, Epidemiologii
i Immunologii, Vol XLII, No 10, Oct 1964, pp 125-
130.

JPRS 27,762

Sci-Biol & Med
Feb 65

272,824

IMMEDIATE PROPERTIES OF SOME FRACTIONS OF
CHAROTIC ACIDS OF PLANT, BY H. H. HILF AND
H. V. KOTHELMAN, JR., 3 PP.

FURNISH, PER, MAIL NUMBER 2081 1 2081, VOL. LV,
NO 1, 1983, P. 71-80.

2010 20710

SCI - BIOL & MED SCI
Aug 62

1992

Chemotherapeutic Action of Sulfamide Preparations
in Experimental Plague, Report I, by N. N. Faybich.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol,
No 3, 1947, pp 64-68.

USDA

Scientific - Medicine

Apr 55 GTS

22,775

✓
Dry Living Tularemia Vaccine of NIIEG of the
Red Army, by M. N. Faybich, T. S. Tamarina.

RUSSIAN, per, Zhur Mikrobiologiy, Epidemiologiy
i Immunobiologiy, No 7, 1946, pp 59-63.

USDA 1r

Scientific - Medicine

Apr 55 CTS/DEX

22,784

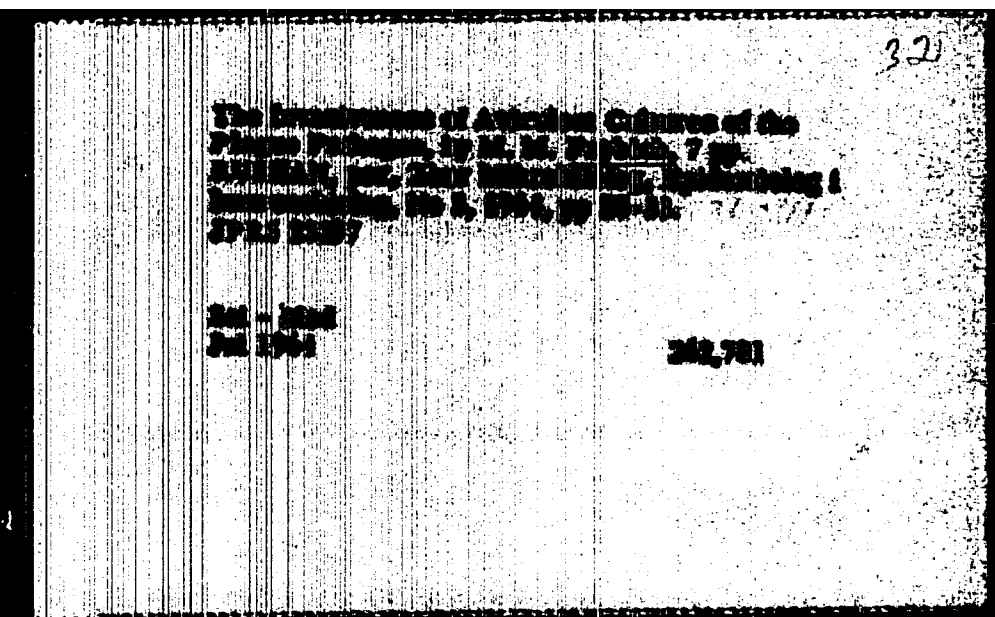
The Problem of Increasing the Antigenicity of Live
Tularaemia Vaccine, by M. M. Faibich, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXX, No 10, 1959, pp 20-23.

PP

Sci
Sep 60

127,761



Concerning the Increase of Immunogenic Properties
of the Anti-Tularanlian Living Vaccine, by M. M.
Faibich.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXX, No 10, 1959, pp 3-8.
CIA 9046394

USDA

Sci - Medicine
Feb 60

108,439

On the Bacteriostatic Action of Sulfidine,
Sulfazol, White and Red Streptocide on
Pasteurella Pestis in Vitro, by M. M. Faybich,
T. S. Tamarina.

RUSSIAN, per, Zhur Mikrobiologiy, Epidemiologiy
i Immunobiologiy, No 3, 1947, pp 54-64.

USDA Tr

Scientific - Medicine

Apr 55 CTS/DEX

22,795

Dry Living Tularemia Vaccine of NIISS of the Red
Army, Report II, by M. M. Faybish, T. S. Tamarina.

RUSSIAN, per, Zhur Mikrobiologiy, Epidemiologiy i
Immunobiologiy, No 10, 1946, pp 23-27.

USDA Tr

Scientific - Medicine

Apr 55 CTS/DEK

22,796

, On the Effectiveness of the Anti-Plague Dry
Living Vaccine of NIIEG From the Strain EV, by
M. M. Faybich. **NIEG**

RUSSIAN, per, Zhur Mikrobiologiy, Epidemiologiy,
Immunobiologiy, Y No 6, 1946, pp 32-35.

22,799

USDA Tr

Scientific - Medicine

Apr 55 CTS/DEK

Influence of the thickness of doped anthracene
crystals on the luminescence of the host material
and the impurity, by A. N. Faydysh, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXXIII, No 1, 1959, pp 50-56

Columbia Tech

Sci

Mar 60

110,139

Experimental Proof of the Theory of the Transfer
of Excitons by Diffusion, by A. M. Faydysh. 14 pp.

RUSSIAN. *Izv. Akad. Nauk SSSR, Ser. Fiz. Khim. i Mekh.*, Vol. IV,
No. 5, 1958, pp 595-601.

SLA 99-17255

Sci

Jan 60

Vol. 2, No. 1

104, 702

Migration and Transmission of Electron Excitation
Energy From the Base Material to the Impurity
in Molecular Crystals (In the Presence of Two Types
of Excitations, by V. I. Agrengorich, A. N. Faydysh,
7 pp. UCL

ROBBIAN, per, Optika i Spektro, Vol I, 1956,
pp 983-987. CIA 9037938

ACBIL 995

Sci - Phys
Apr 59

84,766

Transfer of Electronic Excitation Energy in
Frozen Anthracene and Naphthalene Solutions, by
O. M. Faydysh.

RUSSIAN, per, Dopovidi Ak Nauk Ukrain's'koi RSR,
No 3, 1953, pp 215-219.

Natl Res Lib
TT.532

Scientific - Astronomy
CTS 75/Dec 55

29,217

Protection of Telephone or Telegraph Lines
Against Electric Railroads With Special
Ref Reference to the Oslo-Drammen Railroad, *by*
H. Faye-Hansen, 16 PP.
NORWEGIAN, per, Elektrotekn Tidsskr, Vol XXXVIII,
5 Mar 1925, pp 51-54.

SLA Tr 57-2450

Sci

Aug 58

68,692

Protection of Feeble Current in Case of Electric
Railways in General and the Drammen Railway in
Particular, by K. Faye-Hansen, 14 pp.

GERMAN, per, Elek Tekn Tidsskr., Vol XXXVIII, No
8, Mar 1925, pp 59-62.

SLA 57-1046

Sci - Electronics
Jan 58

57, 612

ARTICLE ON AMERICAN WOMEN, BY R. G. TROTT,
IN: J. TROTT, 8 PP.

RESEARCH FOR THE UNITED STATES GOVERNMENT,
IN: J. TROTT, 8 PP. 1-8.

JUN 1960

1000
101
JUN 60

735,505

Kinetics of Absorption of Sulfur Dioxide by
Potassium Hydroxide Solutions, by M. Kh.
Kishinevsky, S. M. Payer, 5 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVI, No 6,
1953, pp 579-583.

Consultants Bureau

Scientific - Chemistry CFS/DEX

18,072

Methods of Preventing Welding Distortions Analysed
From the Economic Point of View, by A. I. Fayerman,
A. N. Rezanov, 6 pp.

RUSSIAN, per, Svaroch Proiz, No 9, 1961,
pp 17-19.

BWRA

Sci
Sep 62

210,563

The Economics of Semi-Automatic CO₂ Welding,
by A. I. Fayerman, 6 pp.
RUSSIAN, per, Avtomat Svarka, No 3, 1964,
pp 84-89.

BWRA

Sci
Oct 64

263,148

47
Rates of Reduction of Silver Bromide and Silver
Salts of Photographic Stabilizers, by
G. P. Fayerman, A. P. Plotnev.

RUSSIAN, per, Eng Russk Fotogr, Ak Nauk SSSR,
Old Khim Nauk, Vol 5, 1957, pp 114-126.
AES RI-5207

G. P. FAYERMAN

Sci-Chem
July 69

385,753

Dependence of the Amount of Reduced Silver in a
Developed Emulsion Upon the pH Value of Developer,
by G. P. Fayerman, N. N. Shishkina, 5 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol VII, No 1, 1962, pp 26-29.

CIA/FDD XX-1293

NOT RELEASABLE TO FOREIGN NATIONALS

Sci
Nov 62

USIB INTERNAL USE ONLY

216, 245

Rate of Reduction of Silver Ions by X-ray Developers, by
G. P. Pomeroy, N. M. Shishkina, 18 pp.

RUSSIAN, per, Uspekhi Nauch Fotograf, Vol IV, 1955,
pp 164-176.

CIA/FDD XX-518
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Oct 58

IAC INTERNAL USE ONLY

74,054

Determination of the Oxidation-Reduction
Potentials of p-Hydroxyphenylglycine, by Ya.
M. Veprik, O. P. Fayezman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 2,
1957, pp 354-357.

Consultants Bureau

Sci - Chemistry
Jul 58

67.618

14
A Hygienic Evaluation of the Working Conditions and
Health of Workers Producing Organophosphorus
Insecticides, by V. N. Trefilov, I. S. Fayerman, 5 pp.
RUSSIAN, per, Gig Truda i Professional Zabol,
Vol VIII, No 7, 1964, pp 17-20.
JPRES 27066

Sci-Biol & Med
Dec 64

270,197

Fayerman, G. P. and Simkina, A. B.
INVESTIGATION OF 5-METHYL-7-HYDROXY-s-
TRIAZOLO [1,5-a] PYRIMIDINE ("STA"-SALT) AND
ITS REACTIONS WITH SILVER IONS AND SILVER
BROMIDE. [1961] 14p.

Order from ATS \$20.85

ATS-95N50R

Trans. of Uspekhi Nauch[noy] Rot[ografi] (USSR)
1957, v. 5, p. 81-94.

DESCRIPTORS: *Pyrimidines, Chemical reactions,
*Silver, *Ions, *Silver compounds, Metals, *Bro-
mides, Methyl radicals, *Azoles.

(Chemistry--Physical, TT, v. 6, no. 1)

61-22364

- I. Title: "Sta"-salt
- I. Fayerman, G. P.
- II. Simkina, A. B.
- III. ATS-95N50R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

The Use of Chlortetracycline in the Treatment
of Patients with Diphtheria of the Pharynx, by
N. N. Fayerman, 4 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunoloy,
Vol XXXI, No 10, 1960, pp 108-110.

CB

Sci

171, 708

Oct 61

Treatment of the Carrier State in Diphtheria
With Chlortetracycline, ^{by} N. N. Fayerman, 4 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i
Immunobiol, Vol XXIX, No 9, 1958, pp 38-41.

Pergamon Inst

Sci - Med

May 59

86,241

(FDD 21131)

The Study of Rock Pressure in Connection With the
Tasks of Mechanizing Coal Mining, by Ye. N. Fayerman,
6 pp.

Full translation.

RUSSIAN, no per, Vest Ak Nauk SSSR, No 10, Moscow,
Oct 1953, pp 124-126.

CIA/FDD/U-6065

USSR

Scientific - Geophysics, coal mining

16,093

An Algorithm for Establishing the Identity
of Words in a Nilpotent Product of Groups Each
Given by a Finite Number of Generators and
Defining Relations, 4 pp, D. S. Fayezov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol OPAVUL,
Nos 1-6, 1961, pp 291-294.

Amer Math Soc

Sci Math

Vol II, No 2

172, 172

Sci

017

Synthesis of Vinyl Monomers. I. α -Substituted
Derivatives of Vinylphosphonic Acid, A. M.
Yakovlev, L. Z. Soborovskiy, L. I. Miller,
V. S. Pavlovskiy, 3 pp.

RUSSIAN, per, Izv. Akad. Nauk, Vol XXVIII, No 2,
1958, pp 317-319.

Consultants Bureau

Sci - Chem

Apr 59

85,655

33
Investigative Analysis of the Virus of
Hepatitis and of Phosphorus, by H. T. Fayer,
11 pp.
PA 1000, part, Bureau of Communications, Vol XXV.
No 1, 2, 1964, pp 37-44.
Date 5-4-64

Sci - Biol & Med
Jul 64

282,196

Spectrum Analysis of Some Elements in a Carbon
Dioxide Atmosphere, by D. K. Kalinin, V. L.
Marshevskiy, E. Ye. Fagin.

RUSSIAN, per, Vest Ak Nauk Kazakh SSR, Vol XII,
Alma-Ata, 1957, pp 61-69.

Royer and Roger, Inc.

Dept of Interior
TNT, E57, No 227

111,415

Sci - Chem

(NY-3001/9)

Spectrographic Study of Rare and Dispersed
Elements in Dzhezkazgan Copper Ores, by T. A.
Satpayeva, S. K. Kalinin, E. Ye. Fayn, 5 pp.

RUSSIAN, per, Iz Ak Nauk Kazakh SSR, Ser Geol,
No 2, 1959, pp 71-74.

JPRS 5294

USSR

Econ - Technological

820 60

125,389

(BY-2900/32)

The Operational Reliability of Television Receivers,
by A. M. Kanayeva, V. D. Kladovshchikov, K. M.
Fayn, 16 pp.

RUSSIAN, per, Tekh Kino i Televideniya, No 6, 1960,
pp 66-70.

JPRS 7661

Sci - Electron

Feb 61

140,800

Interaction of Electromagnetic Oscillations
in Three-Level Systems, by V. M. Fayn, Ya. I.
Kahnin, et al, 38 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy
NVISSO SSSR po Razdelu Radiofizika,
Vol V, No 4, 1962, pp 697-713.

JPRS 16917

Sci

220,215

Jan 63

1962 AND SPENDING ON RESEARCH, BY Y. N. FATA,
P. 77.

RESEARCH, P. 77, 1962 VOL SUBMITTER, VOL VI, NO 2,
1962, PP 257-261.

JUN 21 1969

SCI-ELECTRONICS
NO 1 69

252, 132

On the Theory of Stimulated Combination (Raman)
Radiation (T), by V. H. Fayn, E. G. Yashchin,
10 pp.

RUSSIAN, per, Zhur Ekspier i Teoret Fiz, Vol XLVI,
No 2, 1964, pp 695-703.

Amer Inst of Phys
Sov Phys-JETP
Vol XIX, No 2

Sci
Sep 64

266,557

Contribution to the Theory of Ferromagnetic and
Antiferromagnetic Resonance, by V. N. Genkin,
V. N. Fagn, 15 pp.

RUSSIAN, per, Iz Vysakhkh Ucheb Zaved MVISSO
SSSR po Razdelu Radiofiz, Vol 7, No 6, 1962,
pp 1115-1121.

JPRS 19316

Sci - Elec

Jun 63

231,738

(12-45/1)

Annihilation of Ferromagnetic Systems, by V. M.
Forn, 11 pp.

RUSSIAN, par, Iz Vyschikh Uchet Zaved WVO, USSR
Radiofiz, Vol. II, No 6, 1959, pp 876-883.

JPRS 5551

Sci

Jan 61.

126,899

On the Theory of the Coherent Spontaneous
Emission, by V. M. Fain, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Ak Nauk
SSSR, Vol XXXVI (9), No 3, 1959, pp 798-802.

AIP
Sov Phys - JETP

Sci - Phys
Oct 59

100,015

Contribution to the Theory of Ferro- and
Antiferromagnetism, by V. L. Ginzburg, V. M. Fayn,
11 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX,
No 5 (11), 1960, pp 1323-1338.

AIP
Soviet Phys - JETP
Vol XII, No 5

Sci

157,659

Jul 61

IDENTIFICATION OF SPATIAL OBJECTS, BY
V. S. FAYN, 13 PP.

RUSSIAN, PER, PROBLEMY PEREDACHI INFORMATSII,
NO 10, 1961, PP 49-56. 9665774

FTD-TT-62-750

SCI - PHYS
JUL 62

204,440

9

(DC-3901/27)

The Quantity of Coordinate Descriptions of Images
in Systems for Recognition of Visible Patterns
(Character Recognition Devices), by V. S. Payn,
15 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Energet i Avtomat, No 2, 1960, pp 164-172.

JPRS 3570

Sci - Electronics

121,580

Aug 60

Automating the Introduction of Certain Types
of Data Into a Computer, by V. S. Payn, 7 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXII,
No 4, 1961, pp 536-538. 9673050

FID-TT-61-69

Sci - Engr

15 Feb 62

928
182,617

61-12955

ON THE THEORY OF COORDINATE DISCREPANCY
TREATING OF A BRIDGE IN SYSTEMS FOR VISUAL
PRESENTATION OF INFORMATION. [1961] 14p. 2 refs.
Order from NAD \$8.00 MF01-4-128

Prilozheniye k Zhurnal Nukl. Ener. (Tehnicheskaya)
T[ekhnicheskaya] S[erija] Izvestiya Energetika
Avtomatika 1969, no. 2, p. 164-172.

- I. Communication theory
2. Data transmission systems
- Theory
- a. Error Pattern recognition
1. Feen, V. S.
- II. MOF E-118
- III. Friedman, Morris D., Inc.,
East Newton, Mass.

Office of Technical Services

(Research Topics in Communication Theory,
TT, V. 6, no. 10)

S-5141

(DC-2812).

Data on the Clinical Symptoms, Pathogenesis, and Prevention of Occupational Diseases of the Nervous System in Foundry Cleaners, by N. G. Paynberg, 7 pp.

RUSSIAN, per, Gig i San, Vol XXIV, No 1, Moscow, 1959, pp 35-40.

JPRS-L-1768-D

Sci - Medicine, neurology
Jul 59

92,966

The Spatial Problem of the Motion of a Cold
Layer of Air Over Hills That Are Small in
Comparison With the Thickness of the
Layer, by E. R. Faynberg, 72 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol X CXLVII, No 2, Nov, Dec 1962,
pp 337-339.

Amer Geol Inst

Sci

Nov 64

268,392

Electrical Circuit for Automatic Functional
Tension of Metal Between a Winding Machine
and a Stand of a Rolling Mill, by M. Yu. Paynberg,
2 pp.

RUSSIAN, Author's Certificate No. 123,513.

Dept of Commerce
Patent Office
Sci Lib

Sci - Engr

178,918

Faynberg, S. Yu., Blyakhman, A. A., and
Stankova, S. M.

ANALYSIS OF SLAGS FROM COPPER AND LEAD
SMELTING PROCESSES (Analiz Shlakov Mednoy i
Svintsovoy Plavok). Mar 61 [13]p. 8 refs. RTS 1756.
Order from OTS or SLA \$1.60 61-19568

Trans. of Zavodskaya Laboratoriya (USSR) 1957,
v. 23, no. 6, p. 647-652.

DESCRIPTORS: *Slags, *Copper, *Lead, Ores,
Colorimetric analysis, Analysis

(Chemistry--Analytical, TT, v. 6, no. 1)

61-19668

- I. Faynberg, S. Yu.
- II. Blyakhman, A. A.
- III. Stankova, S. M.
- IV. RTS-1756
- V. Department of Scientific
and Industrial Research
(Gr. Brit.)

Office of Technical Services

A Dispersion Relation for Fermions,
by V. Faynberg, E. Pradkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CIX, No 3, Jul-Aug 1956, pp 507-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

51,678

Application of the Dispersion Relations Method in
Quantum Electrodynamics, by V. Ya. Feynberg,
7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII,
No 5 (11), 1959, pp 1361-1371.

Amer Inst of Phys
Sov Phys-JETP
Vol XXXVII (10), No 5

Sci

Jun 60

117,818

On Analytic Properties of Causal Computations,
by V. Ya. Faynberg, 4 pp.

RUSSIAN, per, Izv. Akad. Nauk SSSR, Ser. Fiz. Mat. Nauk, Vol.
XXIV(9), No 5, 1959, pp 1503-1508.

Amer Inst of Phys
Sov Phys-JETP

Sci

Dec
Jan 59

103 702

About High-Frequency Oscillations of Electronic
Plasma, by A. I. Akhiezer, Ya. B. Faynberg. 102

13 pp.

RUSSIAN, per. Zhurnal Eksperimental'noy i Teo-
reticheskoy Fiziki, Vol 21, No 11, 1951,

pp 1162-1169. P100200767

FTL-17-66-494

ya. B. Faynberg

Sci/Electronics

Aug 67

311,403